

AES E-LIBRARY

AES (Audio Engineering Society), a professional society devoted to audio technology, provides access to a range of journal articles as well as conference and research papers from 1953 to the present date.

Access:

- Open a web browser and follow the link to databases from the library portal <http://library.saeaustralia.edu.au/>
- You will be logged in automatically on campus.
- If you are not on campus you will be prompted to login using your:

Username: Student Number or Student Portal (Axis) Username
Password: Day and month of birth in the format ddmm (10th Feb = 1002)


Basic search:

Type in a keyword and/or phrase that best describes your topic.

Search E-Library

"surround sound" Search

Use this form to search almost every AES paper published at a convention, conference or in the Journal from 1953 to the present.



Advanced Search Criteria

Click "Advanced Search Criteria" to show more search options.

Advanced search:

The advanced search screen enables you to refine your search to achieve better search results.


- To access click on the Advanced Search Criteria link under the basic search box.

AES E-Library Institutional Access

Search E-Library

Search

Use this form to search almost every AES paper published at a convention, conference or in the Journal from 1953 to the present.



Advanced Search Criteria

Click "Advanced Search Criteria" to show more search options.

- Use keywords and/or phrases in the Title/Abstract/Text Search box. Click the relevant boxes to search across different fields.

Title/Abstract/Text Search:

Search

Limit Above Search Box to:

Paper Title
 Abstract
 Document Text

- Use keywords and/or phrases in the Power Search box.

Power search will search across more Fields to increase your search results.

Advanced Search Criteria

Power Search:

i

Limit your search:

Use the following options to combine your Power Search terms.

If looking for articles within a particular publication date use the drop down menus.

Select a particular paper type and limit your articles to particular volume & issues .

Title/Abstract/Text Search:

i

Limit Above Search Box to:

Paper Title Abstract Document Text

Limit Search to:

All Types

Conference Papers –

Convention Papers –

Journal Articles – Volume: Issue:

Author Name:

Author Affiliation:

Paper Number:

Date Published: –

SEARCH TIPS:

To search:

for articles containing both keywords but not necessarily together use **AND**
e.g. sound AND quality

for articles containing two or more words you'd like to keep together use a Phrase Search (" ")
e.g. "sound quality"

for articles containing **either** or **both** keywords sound and audio use **OR**
e.g. sound OR audio

For more search tips look for this symbol within the AES database



Search results:

- Title, Abstract (short description of the article), Author and Publication Year are all displayed on the search results page.

A Proposal of Normalization for Binaural Recording

Binaural recording utilizing a dummy head is considered the most ideal method of preserving the original sound field. When proper equalization of the transfer characteristics are used, the fidelity of directions and distance is maintained. We propose a normalization process, to be applied during recording, which preserves the sound quality and distance and direction fidelity when played back by conventional stereophonic loudspeakers. This equalization of the dummy head transforms the signals such that they become equal to those obtained by intensity recording.

Authors: Gotoh, Toshiyuki; Kimura, Yoichi; Sakamoto, Naraji
Affiliation: Matsushita Electric Industrial Co., Ltd., Osaka, Japan
AES Convention: 70 (October 1981) **Paper Number:** 1811 [Permalink](#) [Import into BibTeX](#)
Subject: Microphones, Loudspeakers, Listeners, and Rooms

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